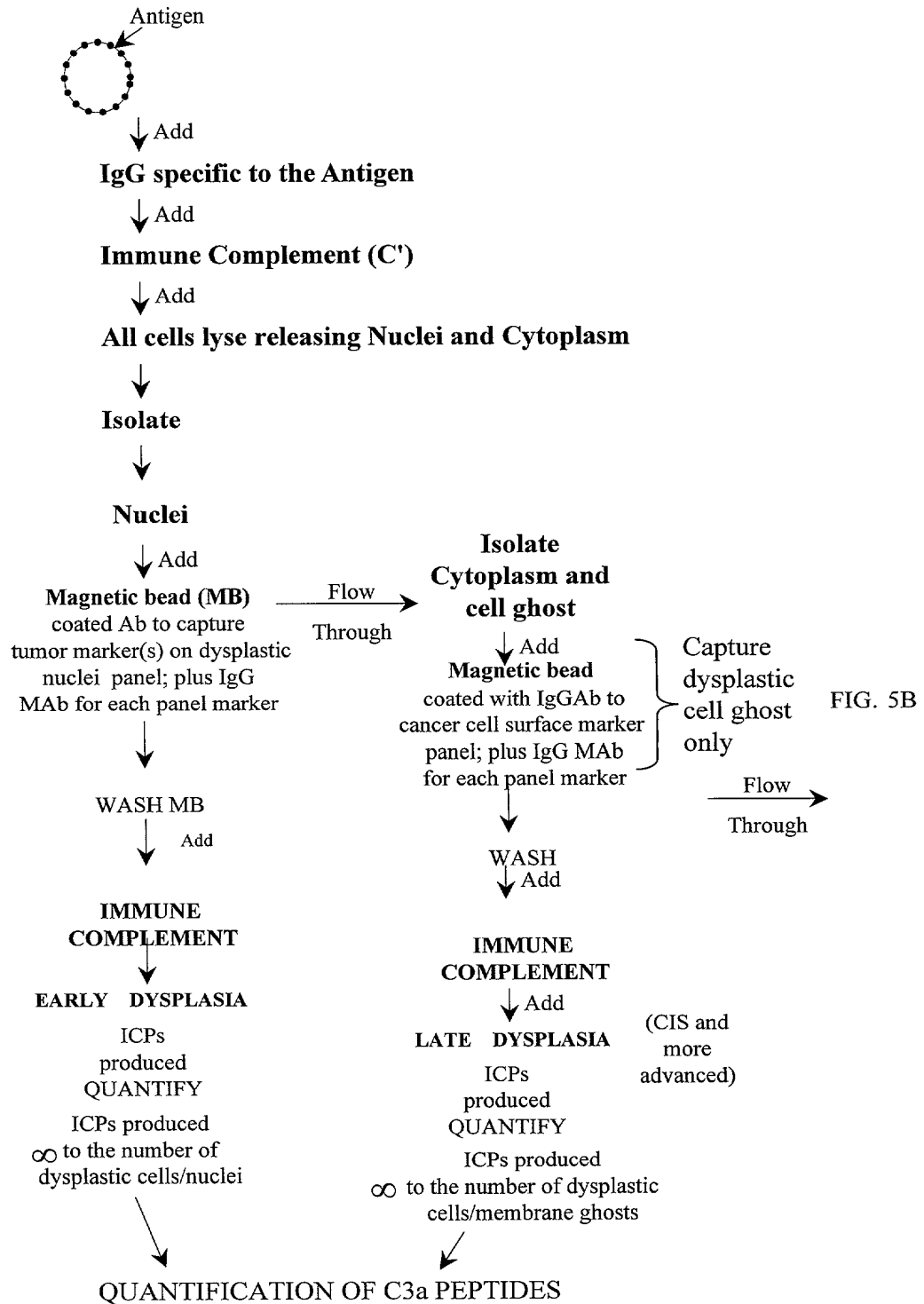


# HP DYSPLASIA/CANCER SCREEN



**Figure 5A**

**Collect  
Cytoplasm**

(normal and  
dysplastic cells)

↓ Add

Proteinase K  
treatment  
or SDS / KCL

Protein  
denatured  
precipitated  
and removed

in solution

{ DNA  
RNA ↓

Perform  
DNA RP-TFO  
DNA RFTA  
mRNA RP-TFO  
mRNA RFTA

Capture Target DNA or  
mRNA on Magnetic Bead

↓ Add

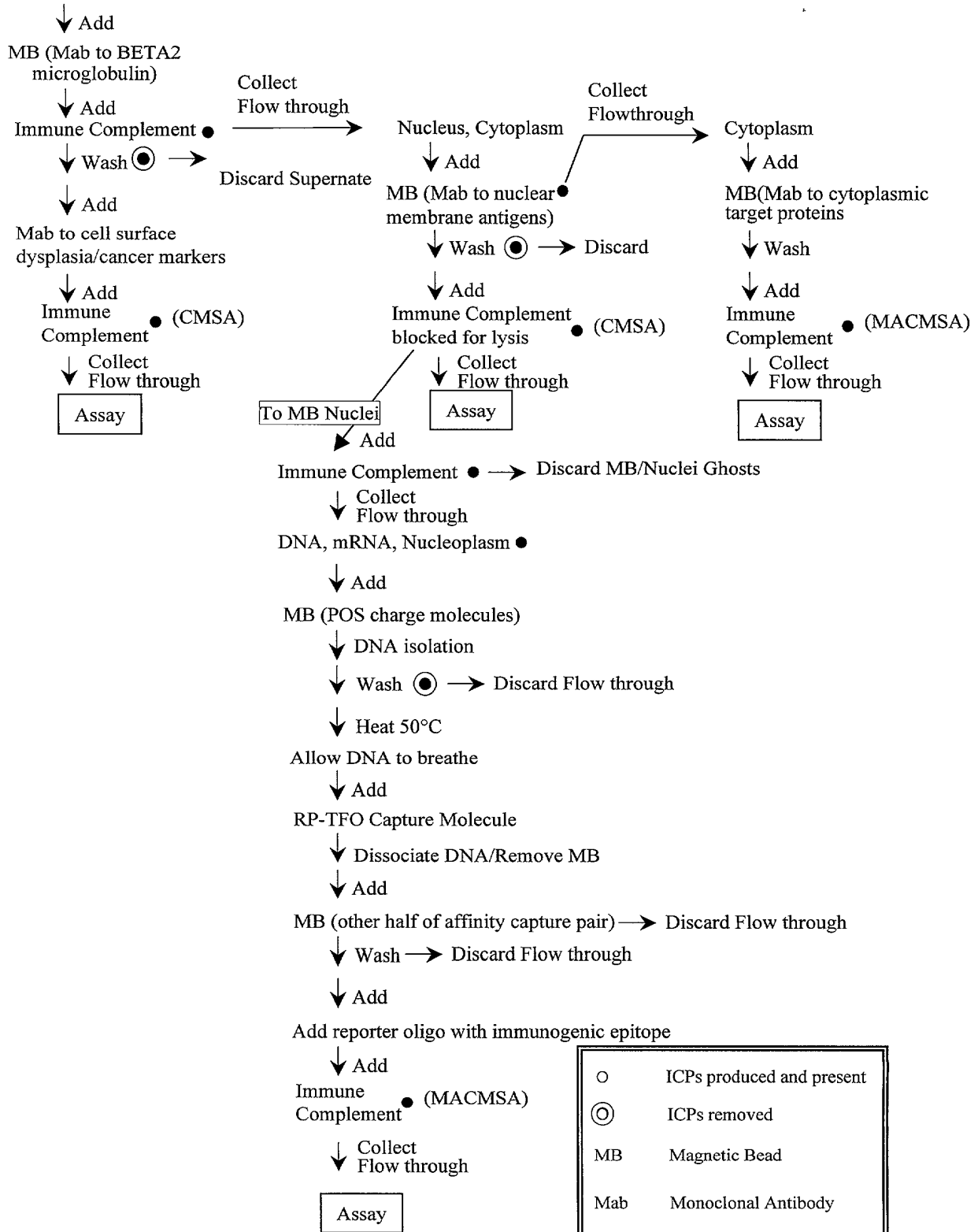
Labeled Reporter Probe

↓

Quantify Signal

**Figure 5B**

# CERVICAL EXFOLIATIVE CELLS (~5x10<sup>6</sup>)



**Figure 6**

○	ICPs produced and present
⊙	ICPs removed
MB	Magnetic Bead
Mab	Monoclonal Antibody
MB( )	Magnetic Bead Coating
Assay	Assay for C3a Peptides